

Creatividad Computacional

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Dominio: Música

LOADING MODEL...

PIANO SCRIBE

This app converts raw audio to MIDI using [Onsets and Frames](#), a neural network trained for polyphonic piano transcription. Record yourself playing piano or choose an audio file with solo piano from your device to transcribe!

Don't have a piano? Try singing to it to see what your voice sounds like played by a piano! Your voice isn't a piano though, so it might not sound like you at all 😊.

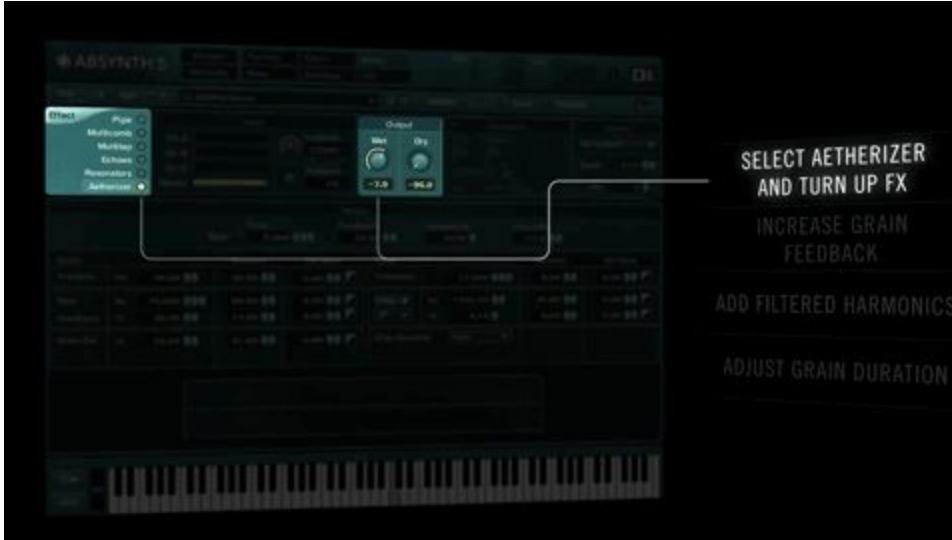
All of the processing happens locally in the browser using [Magenta.js](#) and [TensorFlow.js](#).

Made with  [magenta](#). See the code on [Glitch](#).

Piano Scribe [1]



Piano Genie [2]



Sintetizador [3]:
Feedback
Ganancia
Forma de Onda
etc.



Entorno de Sistemas similar al existente del piano

- Identificación de Características
- Generación de nuevas combinaciones de parámetros y nuevos sintetizadores
- Generación de música aprovechando toda la configuración disponible

Referencias

- [1] A. Roberts and M. Dinculescu, "Piano Transcription in the Browser with Onsets and Frames", *Magenta*, 2018. [Online]. Available: <https://magenta.tensorflow.org/oaf-js>. [Accessed: 29- Jan- 2020].
- [2] C. Donahue, I. Simon and S. Dieleman, "Piano Genie: An Intelligent Musical Interface", *Magenta*, 2018. [Online]. Available: <https://magenta.tensorflow.org/pianogenie>. [Accessed: 29- Jan- 2020].
- [3] "Learning Synths", *Learningsynths.ableton.com*, 2019. [Online]. Available: <https://learningsynths.ableton.com/>. [Accessed: 29- Jan- 2020].